U.S. ARMY CHEMICAL MATERIALS AGENCY

CREATING A SAFER TOMORROW

Deseret Chemical Depot

DCD Closure Activities

13 November 2007

TECHNICAL SUPPORT

- RCRA Closure
  - Develop a RCA Closure Plan for the DCD Area 10 Igloos.
  - Regulatory Closure Process
  - Permit Modifications
  - History of the Storage and Contamination
  - Closure Verification Sampling
  - Independent Registered Professional Engineer for each RCRA Igloo

CLOSURE APPROACH

- Categorize Igloos
  - Contamination Determination Plan
  - Generator Knowledge
  - Records Review
- Hazardous Waste Storage
  - Rockets (PCBs)
  - Other wastes

CLOSURE APPROACH

- Three Categories
  - Non-agent contaminated
  - Vapor agent contaminated
  - Liquid agent contaminated
- Clean all Igloos
  - Decontaminate Both RCRA and Non-RCRA to Same Standards
- Methods of Verification
  - Surface Wipe
  - Composite concrete chip or core samples
  - Surrounding soil samples

RE-USE OF IGLOOS

- Igloo Transfer
  - Memorandum of Understanding signed between DCD and TEAD
  - Igloos permitted under RCRA closed prior to transfer
  - 5-Igloo Blocks
  - Commenced 02 November 2007